

JP8019286A 19960119 MOTOR CONTROLLER Assignee/Applicant: SHIBAURA ENG
WORKS LTD Inventor(s) : KUBO YASUNORI Priority (No,Kind,Date) : JP14301694 A
19940624 X Application(No,Kind,Date): JP14301694 A 19940624 IPC: 6H 02P 6/12 A
Language of Document: NotAvailable Abstract:

PURPOSE: To prevent dangerous free run condition of a motor by decelerating the motor when external power stops.

CONSTITUTION: An external power source 2 is connected to a control power circuit 6, too, and it generates voltage on the drive level of the circuit, and supplies it to an accumulating circuit 7, and this circuit supplies a power monitor circuit 8, a break control circuit 9, and a logic generating part 10 with drive voltage. The power monitor circuit 8 monitors the voltage of the external power source 2, and if the external voltage falls to zero by power failure, etc., it outputs a stop detection signal S1 to a brake control circuit 9. The brake control circuit 9 outputs a stop control signal S2 to a logic generator 10 during the supply of drive voltage from the accumulating circuit 7. During input of this signal, the logic generating circuit 10 outputs a dive control signal S3 for decelerating a motor 5 to an inverter 4. During input of a deceleration signal, the inverter 4 outputs a drive signal for decelerating and stopping the revolution of the motor 5 with a specified speed pattern.

Legal Status: There is no Legal Status information available for this patent